

Madison, Wisconsin
INDEX OF SHEETS - STREETS

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CITY OF MADISON

CITY ENGINEERING DIVISION

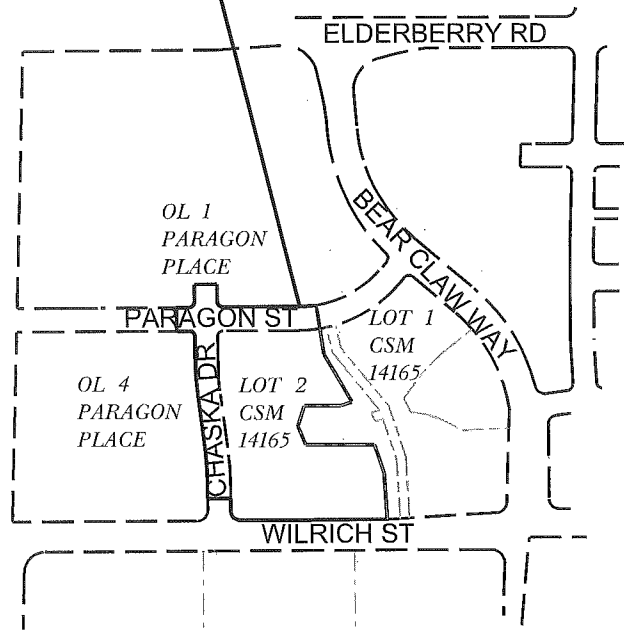
DEPARTMENT OF PUBLIC WORKS

PLAN OF PROPOSED IMPROVEMENT

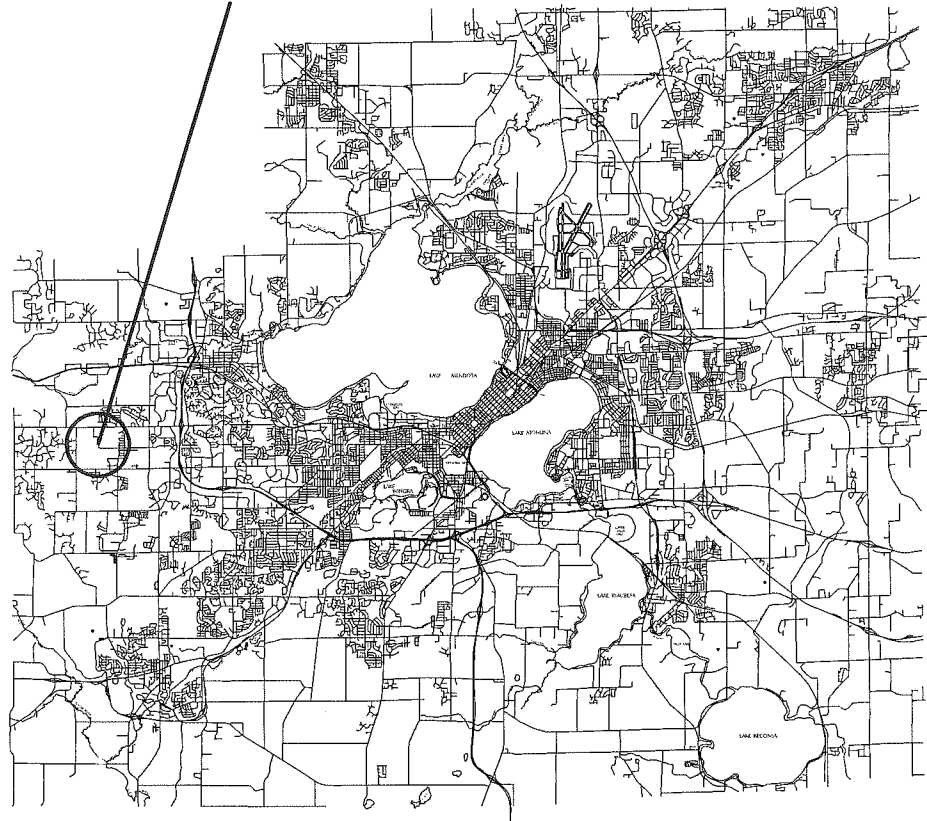
PARAGON PLACE-PHASE 2

CITY PROJECT NO. 11768
CITY CONTRACT NO. 8071
MUNIS NO. 11768


PROJECT LIMITS

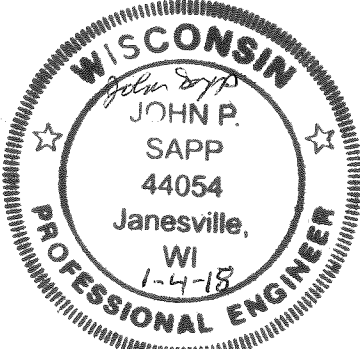



PROJECT LOCATION

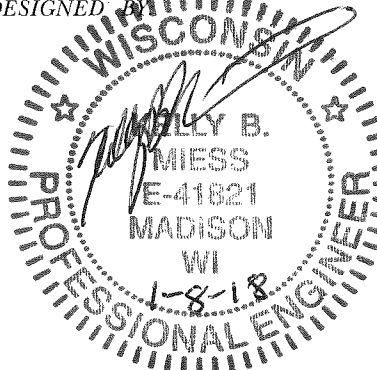


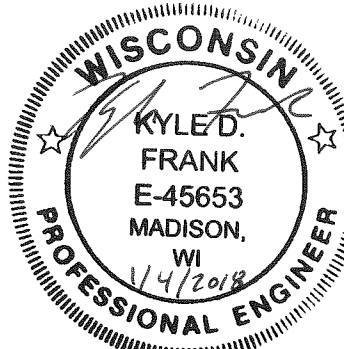
PUBLIC IMPROVEMENT PROJECT APPROVED
NOVEMBER 21, 2017
BY THE COMMON COUNCIL OF MADISON, WISCONSIN

PUBLIC IMPROVEMENT DESIGN APPROVED BY:

City Engineer
1/9/18
Date

STREET DESIGNED BY:


SANITARY SEWER DESIGNED BY:


WATER DESIGNED BY:


STORM SEWER DESIGNED BY:


PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

THE LOCATION AND INFORMATION FOR PROPOSED NEW TREES, IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS ARE APPROXIMATE AND ARE SHOWN FOR REFERENCE ONLY. THE LOCATIONS, SPECIFICATIONS AND PLANTING METHODS OF ALL PROPOSED NEW OR REPLACEMENT TREES IN THE PUBLIC RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE APPROVED BY THE CITY FORESTER PRIOR TO INSTALLATION.

NO TREES IN THE RIGHT OF WAY OR ON PUBLIC LANDS SHALL BE TRIMMED, PRUNED, REMOVED OR ADVERSELY AFFECTED IN ANY WAY UNTIL THE DEVELOPER HAS RECEIVED WRITTEN PERMISSION FROM THE CITY ENGINEER OR CITY FORESTER. SAID WRITTEN PERMISSION SHALL INCLUDE LANGUAGE INDICATING THAT SECTION 10.101 OF THE MADISON GENERAL ORDINANCES AND ADMINISTRATIVE PROCEDURE MEMORANDUM NO. 6-2, REFERING TO NOTIFICATION OF PROPERTY OCCUPANTS AND/OR OWNERS, HAS BEEN COMPLIED WITH.

THE DEVELOPER/CONTRACTOR SHALL SUBMIT A TRAFFIC CONTROL PLAN FOR REVIEW TO CITY TRAFFIC ENGINEERING AT LEAST 10 WORKING DAYS PRIOR TO WORK BEGINNING WITHIN THE RIGHT OF WAY. WORK SHALL NOT PROCEED IN THE RIGHT OF WAY UNTIL THE TRAFFIC CONTROL PLAN HAS BEEN APPROVED. THE TRAFFIC CONTROL PLAN MAY INCLUDE BUT IS NOT LIMITED TO: LANE CLOSURE RESTRICTIONS, PEAK HOUR WORKING RESTRICTIONS, ACCESS REQUIREMENTS, ETC. THE DEVELOPER/CONTRACTOR SHALL BE RESPONSIBLE FOR PHASING WORK AS NECESSARY TO MEET THE REQUIREMENTS OF THE APPROVED TRAFFIC CONTROL PLAN.

ALL PAVEMENT IN THE PARAGON STREET AND CHASKA DRIVE RIGHTS OF WAY SHALL BE TYPE A PAVEMENT.

UNDERDRAINS SHALL BE INSTALLED, PER STANDARD DETAIL DRAWING 4.05 FOR 75' ON EACH SIDE OF THE LOW POINT, OR TO THE NEAREST CURB HIGH POINT. ALL UNDERDRAIN SHALL BE WRAPPED.

ALL GUTTERS SHALL DRAIN WITH A MINIMUM GRADES OF 0.5% TOWARD STORM SEWER INLETS.

PAVEMENT CROSS SLOPES SHALL BE 2%, TERRACES SHALL SLOPE AT A 4% GRADE TOWARD THE GUTTER, SHOULDERS SHALL HAVE A 4% CROSS SLOPE AND CROSS SLOPES FORMING DITCHES SHALL NOT EXCEED 4.00:1 UNLESS OTHERWISE INDICATED.

THE CROSS SLOPE OF SIDEWALKS AND BARRIER FREE SIDEWALK CURB RAMPS SHALL BE 1.5%. THE LONGITUDINAL GRADE OF BARRIER FREE SIDEWALK CURB RAMPS SHALL NOT EXCEED 8.33%. ALL SIDEWALK RAMPS SHALL BE CONSTRUCTED ACCORDING TO S.D.D. 3.03. AT ALL OTHER LOCATIONS THE LONGITUDINAL GRADE OF SIDEWALKS SHALL NOT EXCEED 5.0 % OR THE ADJACENT STREET GRADE WHICHEVER IS GREATER NOR BE LESS THAN 0.5% AND SHALL DRAIN TOWARD STORM SEWER INLETS. SIDE SLOPES WITHIN TEN FEET OF A PUBLIC SIDEWALK SHALL NOT EXCEED 4.00:1. ALL SIDEWALK AND SIDEWALK RAMP ELEVATIONS AND GRADES SHALL BE FIELD VERIFIED AND SET TO COMPLY WITH THE CITY OF MADISON STANDARD SPECIFICATIONS AND THE A.D.A. GUIDELINES.

OBTAIN A PRINT OUT OF THE ALIGNMENT FROM THE CITY ENGINEER PRIOR TO STAKING THIS PROJECT.

CURB STATION AND OFFSETS SHALL BE TO THE FACE OF CURB UNLESS OTHERWISE INDICATED. CURB ELEVATIONS SHALL BE TO THE TOP OF CURB (OR EXTENDED TOP OF CURB FOR DRIVEWAYS OR RAMPS) UNLESS OTHERWISE INDICATED.

POWER POLES AND OTHER OBSTRUCTIONS SHALL BE MOVED TO PROVIDE 2 FEET MINIMUM OF CLEAR DISTANCE FROM ANY FACE OF CURB OR EDGE OF SIDEWALK.

ANY INFORMATION SHOWN ON THIS PLAN, WHICH IS NOT PART OF THIS PROJECT, IS PRELIMINARY AND NOT FOR CONSTRUCTION.

THERE MAY BE EXISTING UTILITIES OR OTHER FEATURES WHICH ARE EITHER NOT SHOWN OR SHOWN INCORRECTLY ON THIS PLAN. IT IS THE RESPONSIBILITY OF THE DEVELOPER TO LOCATE AND IDENTIFY ALL UTILITIES AND TOPOGRAPHY WHICH MAY AFFECT THE CONSTRUCTION OF THESE IMPROVEMENTS.

ALL PERMANENT SIGNING AND POSTING WILL BE DETERMINED AND PROVIDED BY THE TRAFFIC ENGINEERING DIVISION, FOLLOWING CONSTRUCTION OF THESE IMPROVEMENTS.

THE DEVELOPER SHALL PROVIDE, INSTALL AND MAINTAIN ALL STREET END BARRICADES, SIGNING AND TRAFFIC CONTROL, AS REQUIRED BY THE CITY TRAFFIC ENGINEER.

PAVEMENT SAWCUTS SHALL BE AS DIRECTED BY THE CITY CONSTRUCTION ENGINEER. SAWCUTS SHOWN ON THE PLAN ARE APPROXIMATE.

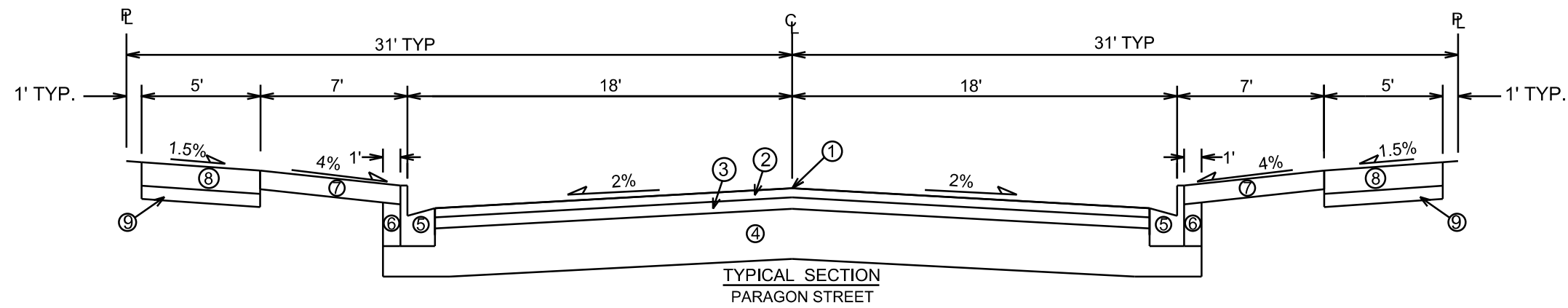
CURB ON CUL DE SACS SHALL BE INSTALLED ACCORDING TO SDD 3.05.

PLOT SCALE: _____

PLOT NAME: _____

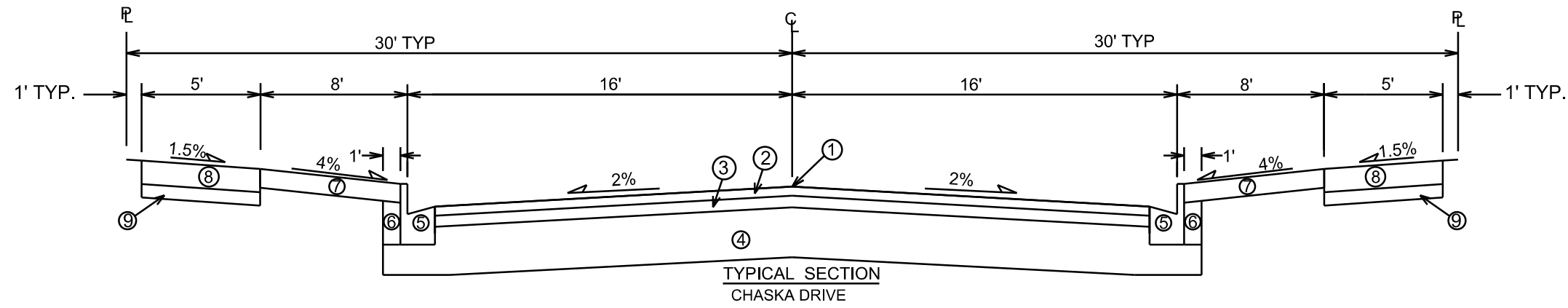
REV. DATE: _____

ORIGINATOR: CITY OF MADISON, STREETS DIVISION



- ① POINT REFERRED TO ON PROFILE
- ② *** ASPHALTIC CONCRETE PAVEMENT UPPER LAYER
- ③ *** ASPHALTIC CONCRETE PAVEMENT LOWER LAYER
- ④ CRUSHED AGGREGATE BASE COURSE
- ⑤ TYPE 'A' CONCRETE CURB & GUTTER
- ⑥ FILL, INCIDENTAL
- ⑦ 6" TOPSOIL, SEED & MAT
USE CLASS I URBAN TYPE A MAT ON 4H:1V OR FLATTER SLOPES, USE CLASS I URBAN TYPE B MAT ON SLOPES STEEPER THAN 4H:1V.
- ⑧ 5" CONCRETE SIDEWALK
- ⑨ **2" SELECT FILL (TYPICAL)

TYPICAL SECTIONS NOT TO SCALE



* CITY OF MADISON MINIMUM PAVEMENT DESIGN

NOTES:

- * PARAGON STREET AND CHASKA DRIVE SHALL BE TYPE 'A' PAVEMENT PER CITY OF MADISON MINIMUM PAVEMENT DESIGN
- ** 3" OF CRUSHED AGGREGATE BASE COURSE GRADATION 3 SHALL BE PLACED UNDER THE SIDEWALK WHERE THE CENTERLINE GRADE OF THE STREET EXCEEDS 5%.
- *** ALL UPPER LAYER PAVEMENTS ARE 12.5 mm; LOWER LAYER PAVEMENT IS 12.5 mm FOR TYPE A & 19 mm FOR TYPE B & C.

TYPE	CRUSHED AGGREGATE BASE COURSE		ASPHALTIC CONCRETE PAVEMENT			
	LOWER LAYER GRADATION 1	UPPER LAYER GRADATION 2	LOWER LAYER		LOWER LAYER	
			TYPE	THICKNESS	TYPE	THICKNESS
A	6"	6"	4 LT 58-28 S	1.75"	4 LT 58-28 S	1.75"
B	6"	6"	3 LT 58-28 S	2.50"	4 LT 58-28 S	2.00"
C	6"	6"	3 MT 58-28 S/H 3 HT 58-28 H	3.50"	4 MT 58-28 S/H 4 HT 58-28 H	2.00"

PLOT SCALE: _____

PLOT NAME: _____


REV. DATE: _____

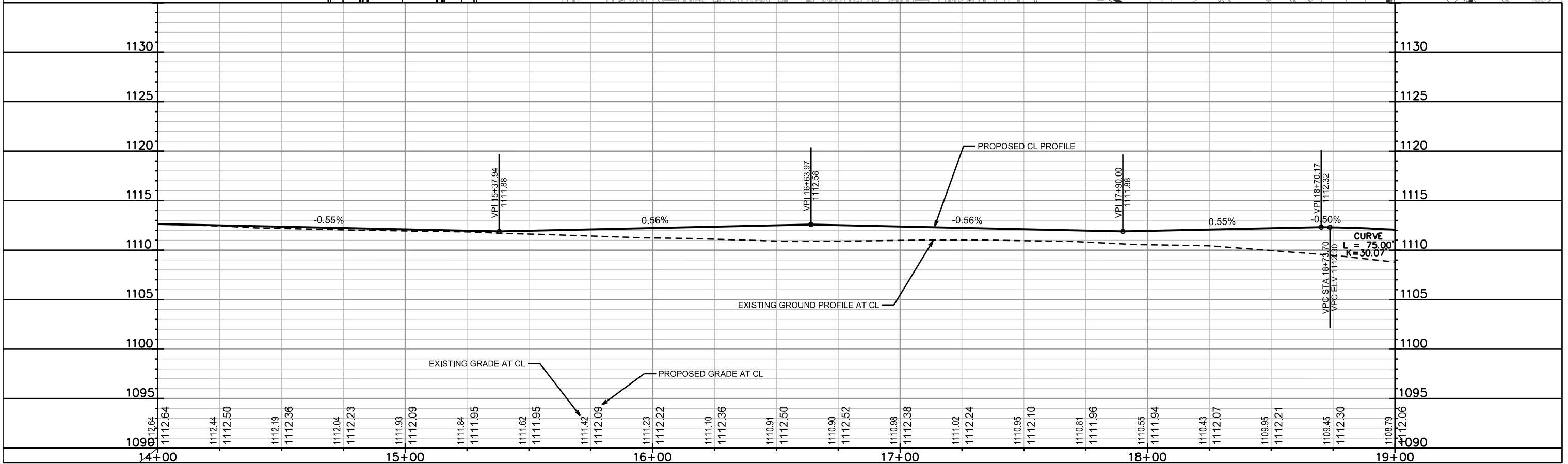
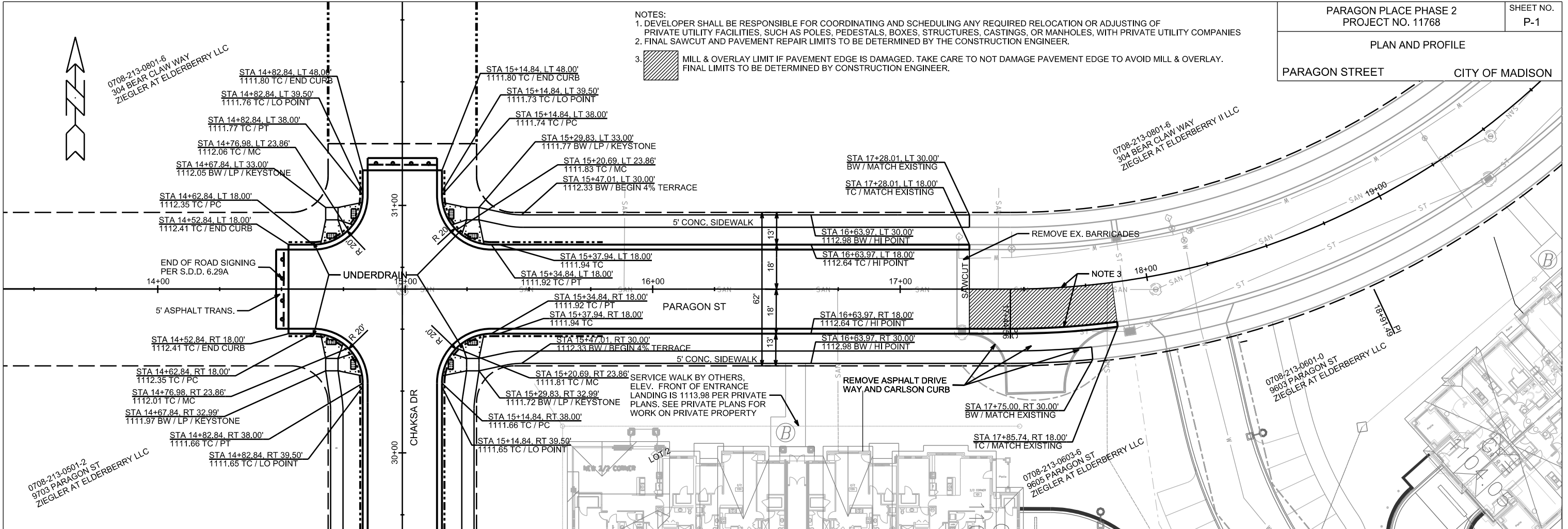
ORIGINATOR: CITY OF MADISON, STREETS DIVISION

PLAN AND PROFILE

PARAGON STREET CITY OF MADISON

NOTES:

1. DEVELOPER SHALL BE RESPONSIBLE FOR COORDINATING AND SCHEDULING ANY REQUIRED RELOCATION OR ADJUSTING OF PRIVATE UTILITY FACILITIES, SUCH AS POLES, PEDESTALS, BOXES, STRUCTURES, CASTINGS, OR MANHOLES, WITH PRIVATE UTILITY COMPANIES
2. FINAL SAWCUT AND PAVEMENT REPAIR LIMITS TO BE DETERMINED BY THE CONSTRUCTION ENGINEER.
3.  MILL & OVERLAY LIMIT IF PAVEMENT EDGE IS DAMAGED. TAKE CARE TO NOT DAMAGE PAVEMENT EDGE TO AVOID MILL & OVERLAY. FINAL LIMITS TO BE DETERMINED BY CONSTRUCTION ENGINEER.

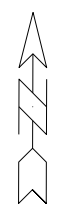


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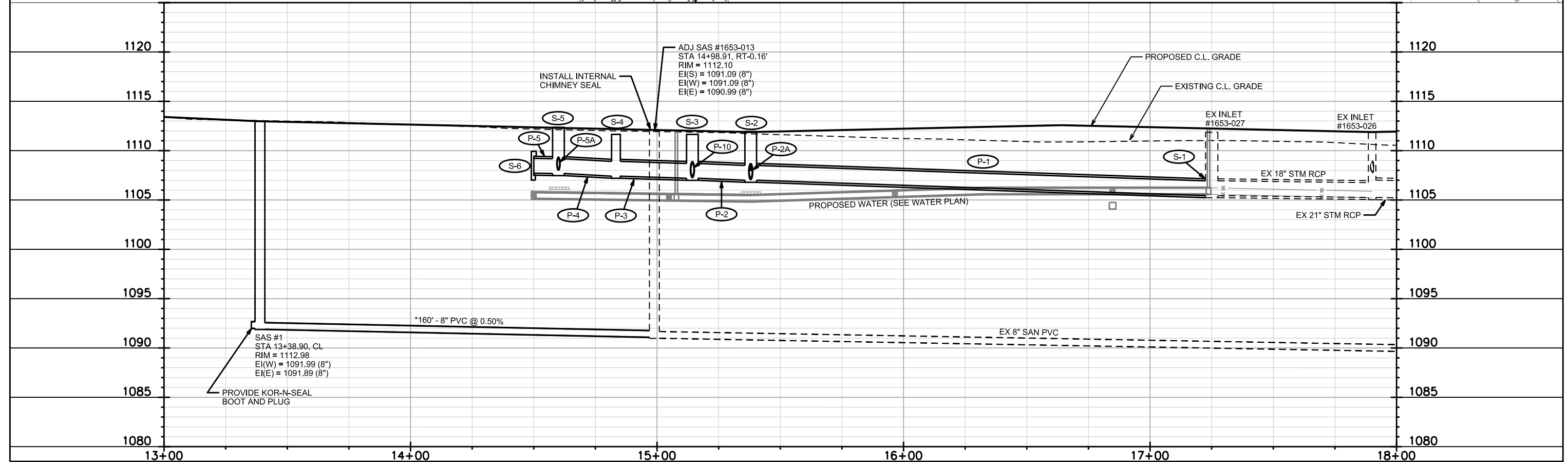
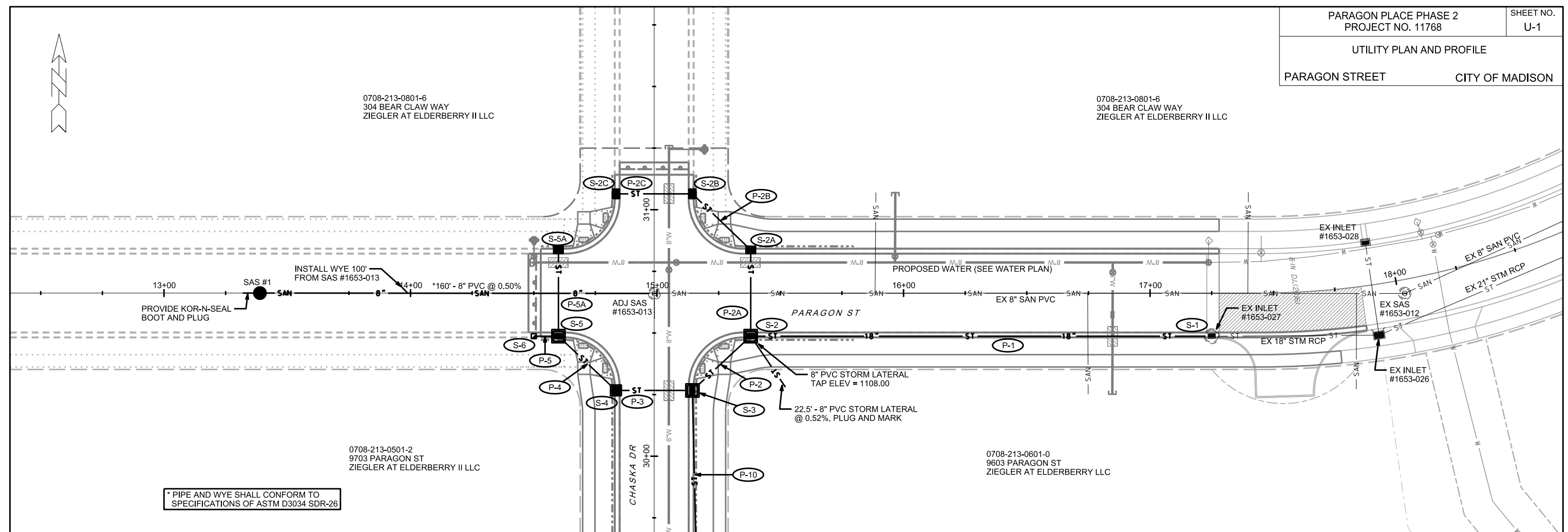
0708-213-0801-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC

0708-213-0801-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC

0708-213-0501-2
9703 PARAGON ST
ZIEGLER AT ELDERBERRY II LLC

0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

PIPE AND WYE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26



PLOT SCALE:

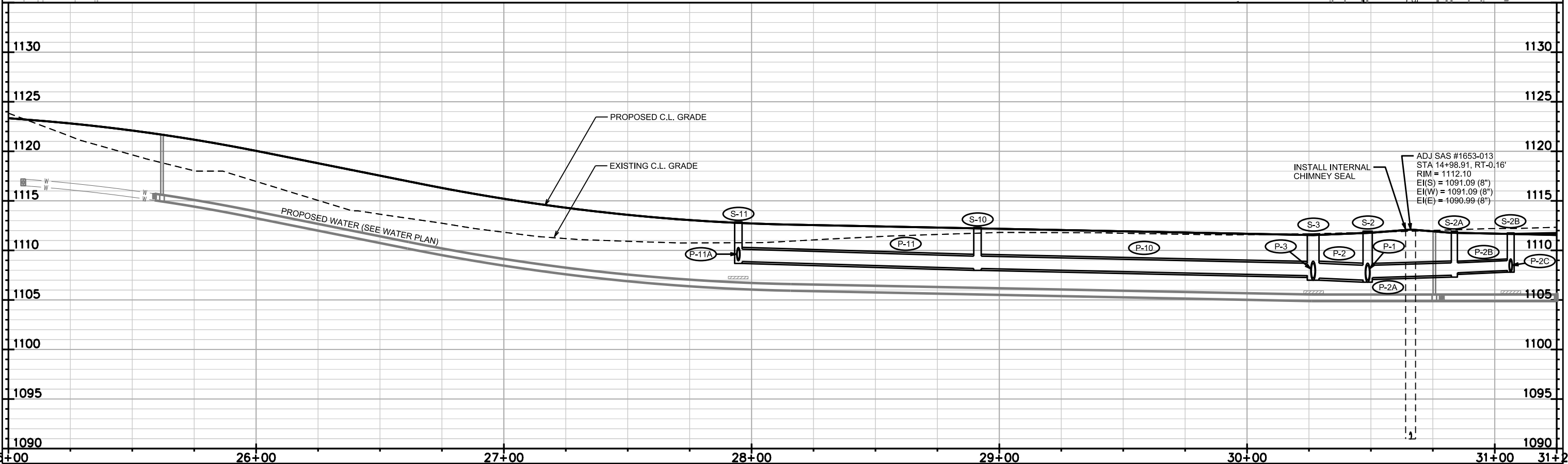
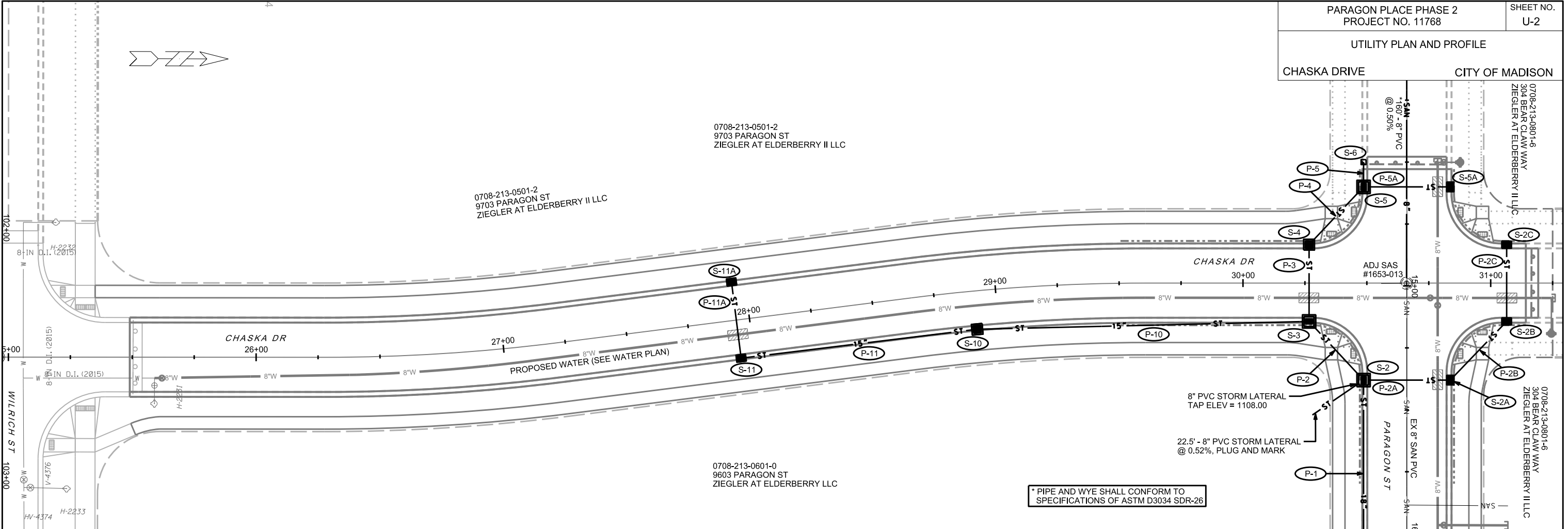
PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

UTILITY PLAN AND PROFILE

CHASKA DRIVE CITY OF MADISON



* PIPE AND WYE SHALL CONFORM TO SPECIFICATIONS OF ASTM D3034 SDR-26

ADJ SAS #1653-013
STA 14+98.91, RT-0.16'
RIM = 1112.10
EI(S) = 1091.09 (8")
EI(W) = 1091.09 (8")
EI(E) = 1090.99 (8")

INSTALL INTERNAL CHIMNEY SEAL

PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

SANITARY & STORM SEWER SCHEDULE

PROPOSED SANITARY STRUCTURES

SAS NO.	STATION	LOCATION (OFFSET)	TOP OF CASTING	E.I.	DEPTH	NOTES
PARAGON STREET						
SAS #1	13+38.90	CL	1112.98	1091.89	21.09	-

ADJUST SANITARY STRUCTURES

ID NO.	STATION	LOCATION (OFFSET)	TYPE	NOTES
SAS #1653-013	14+98.91	RT-0.16	SAS	[1]

PROPOSED STORM STRUCTURES

STRUC. NO.	STATION	LOCATION (OFFSET)	TYPE	TOP OF CASTING	E.I.	DEPTH	NOTES
PARAGON STREET							
S-1	17+25.00	RT-17.50	TAP	-	1105.44	-	-
S-2	15+38.01	RT-17.50	4X4 SAS	1111.94	1107.00	4.94	[2], FP, LP, UD, W/R-3067-7004-VB
S-2A	15+38.01	LT-17.50	H INLET	1111.94	1107.49	4.45	[2], LP, UD, W/R-3067-7004-VB
S-2B	15+14.34	LT-40.25	H INLET	1111.73	1107.97	3.77	[2], LP, UD, W/R-3067-7004-VB
S-2C	14+83.34	LT-40.25	H INLET	1111.76	1108.12	3.64	[2], LP, UD, W/R-3067-7004-VB
S-3	15+14.34	RT-39.50	4X4 SAS	1111.65	1107.20	4.45	[2], LP, UD, W/R-3067-7004-VB
S-4	14+83.34	RT-39.50	3X3 SAS	1111.65	1107.41	4.25	[2], LP, UD, W/R-3067-7004-VB
S-5	14+60.01	RT-17.50	4X4 SAS	1112.36	1107.68	4.68	UD, W/R-3067-7004-V
S-5A	14+60.01	LT-17.50	H INLET	1112.36	1108.50	3.86	UD, W/R-3067-7004-V
S-6	14+50.01	RT-17.50	PLUG	-	1107.72	-	-
CHASKA DRIVE							
S-10	28+91.19	RT-15.50	3X3 SAS	1112.32	1108.17	4.15	W/R-3067-7004-V
S-11	27+94.67	RT-15.50	H INLET	1112.88	1108.87	4.01	FP, W/R-3067-7004-V
S-11A	27+94.67	LT-15.50	H INLET	1112.88	1109.27	3.62	W/R-3067-7004-V

PROPOSED SANITARY PIPES

FROM (DNSTM)	TO (UPSTM)	DWNSTRM E.I.	UPSTRM E.I.	PLAN (PAY) LGTH (FT)	SLOPE (%)	PIPE SIZE	PVC TYPE	NOTES
PARAGON STREET								
SAS #1653-013	SAS #1	1091.09	1091.89	160	0.50%	8"	SDR-26	-

PROPOSED STORM PIPES

PIPE NO.	FROM (DNSTM)	TO (UPSTM)	DISCH. E.I.	INLET E.I.	PLAN (PAY) LGTH (FT)	PIPE LGTH (FT)	SLOPE (%)	PIPE SIZE	TYPE	NOTES
PARAGON STREET										
P-1	S-1	S-2	1105.44	1107.00	187	182.5	0.85%	18"	TYPE II	-
P-2	S-2	S-3	1107.00	1107.20	32.5	26.9	0.75%	18"	TYPE II	-
P-2A	S-2	S-2A	1107.25	1107.49	35	32	0.75%	15"	TYPE I	-
P-2B	S-2A	S-2B	1107.74	1107.97	33	30	0.75%	12"	TYPE II	-
P-2C	S-2B	S-2C	1107.97	1108.12	31	29	0.50%	12"	TYPE I	-
P-3	S-3	S-4	1107.20	1107.41	31	27.5	0.75%	18"	TYPE I	-
P-4	S-4	S-5	1107.41	1107.68	32	27.3	1.00%	18"	TYPE II	-
P-5	S-5	S-6	1107.68	1107.72	10	8	0.50%	18"	TYPE II	-
P-5A	S-5	S-5A	1108.18	1108.50	35	32	1.00%	12"	TYPE I	-
CHASKA DRIVE										
P-10	S-3	S-10	1107.45	1108.17	134	130.5	0.55%	15"	TYPE II	-
P-11	S-10	S-11	1108.17	1108.87	96	93	0.75%	15"	TYPE II	-
P-11A	S-11	S-11A	1109.12	1109.27	31	29	0.50%	12"	TYPE I	-

NOTE: PLAN LENGTH (PAY LENGTH) IS FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. PIPE LENGTH IS ACTUAL LENGTH OF PIPE FROM STRUCTURE WALL TO STRUCTURE WALL. SLOPE CALCULATED USING PIPE LENGTH.

STANDARD NOTES:

- ABBREVIATIONS: AE = APRON ENDWALL; RCP = REINFORCED CONCRETE PIPE; HERCP = HORIZONTAL ELLIPTICAL REINFORCED CONCRETE PIPE; DNA = DOES NOT APPLY; SAS = SEWER ACCESS STRUCTURE; LP = LOW POINT INLET STRUCTURE; FP = FIELD POURED STRUCTURE; TR = TOP OF CONCRETE ROOF; NCM = NO CROWN MATCH FOR PIPES; UD = UNDERDRAIN

- APPROXIMATE DISCHARGE E.I. GIVEN, ADJUST E.I. AND PIPE SLOPE IN THE FIELD.

- TOP OF CASTING GRADE GIVEN IS THE TOP OF CURB FOR INLET STRUCTURES AND THE FLOWLINE OF THE CLOSED CASTING FOR SAS's.

- TOP OF CONCRETE ROOF (TR) IS 1.25' BELOW TOP OF CASTING UNLESS OTHERWISE NOTED.

- ALL REINFORCED CONCRETE PIPES TO BE CLASS III UNLESS OTHERWISE NOTED.

- SURVEYOR TO CONFIRM THAT ALL INLET STATION / OFFSETS LINE UP WITH PROPOSED CURB AND GUTTER.

- ALL STRUCTURES CALLED OUT AS FIELD POURED SHALL BE FIELD POURED. ALL OTHER STRUCTURES (NOT INDICATED AS FIELD POURED) SHALL BE SUBMITTED TO CITY ENGINEERING FOR APPROVAL IF PRECAST STRUCTURES ARE PREFERRED. CONTACT KYLE FRANK OF CITY ENGINEERING AT (608) 266-4098 FOR PRECAST APPROVALS, FAX SHOP DRAWINGS TO (608)264-9275, OR EMAIL SHOP DRAWINGS TO KFRANK@CITYOFMADISON.COM.

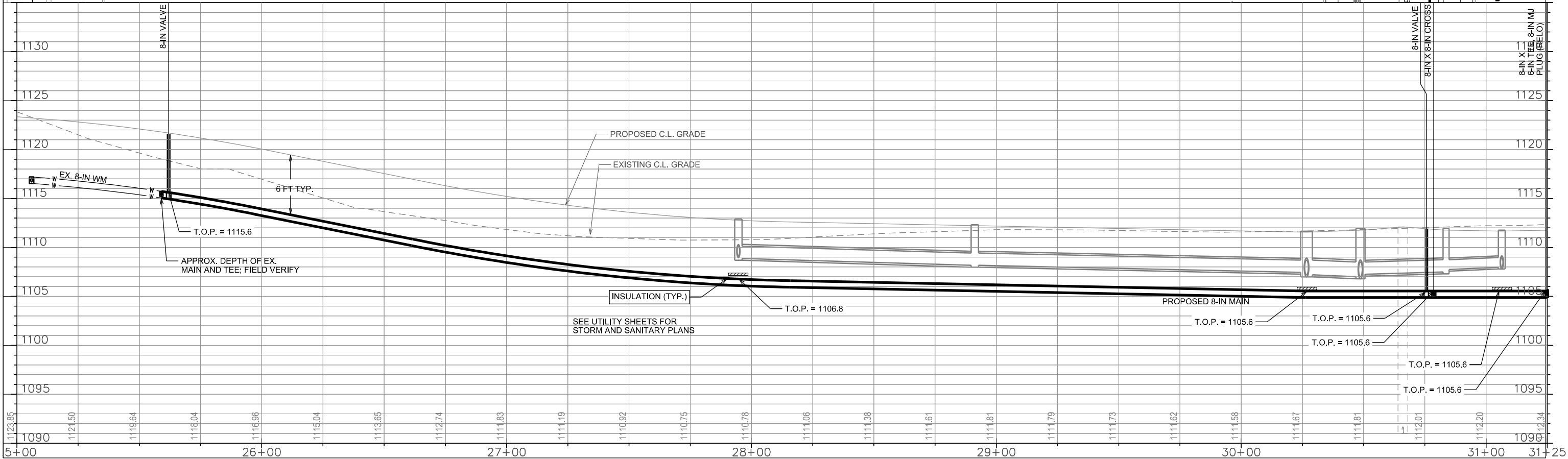
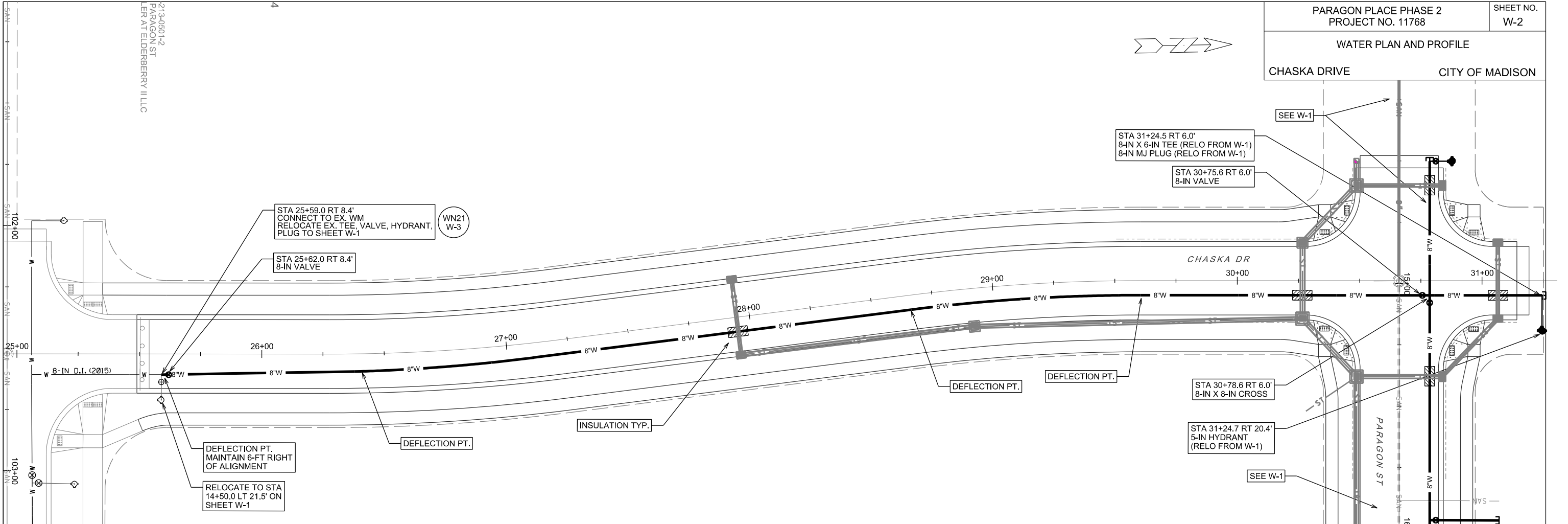
SPECIFIC NOTES

[1] INSTALL SAS INTERNAL CHIMNEY SEAL PER CITY OF MADISON S.D.D. 5.7.17

[2] INSTALL 2" PVC DRAIN PIPE PER CITY OF MADISON S.D.D. 5.7.7A

WATER PLAN AND PROFILE

CHASKA DRIVE CITY OF MADISON



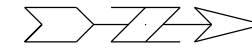
PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

DISCLAIMER NOTE:
THE WATER IMPACT PLAN IS PROVIDED FOR REFERENCE PURPOSES
TO AID PLANNING CONNECTION POINT ISOLATION AND PREPARING
NOTIFICATION LISTS DURING PLANNED OUTAGES. REQUEST ANY
ALTERNATIVE CONNECTION METHODS IN WRITING, PER SPECS.



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION

0708-213-0408-4
9701 WILRICH STREET
BRADER WAY LLC
9

0708-213-0405-6
9601 WILRICH STREET
BLACKHAWK EVANGELICAL
FREE CHURCH INC
8

0708-213-0405-6
9601 WILRICH STREET
BLACKHAWK EVANGELICAL
FREE CHURCH INC
8

0708-213-0404-8
180 BEAR CLAW WAY
BCTC LOT 7 LLC

0708-213-0501-2
9703 PARAGON ST
ZIEGLER AT ELDERBERRY II LLC

0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

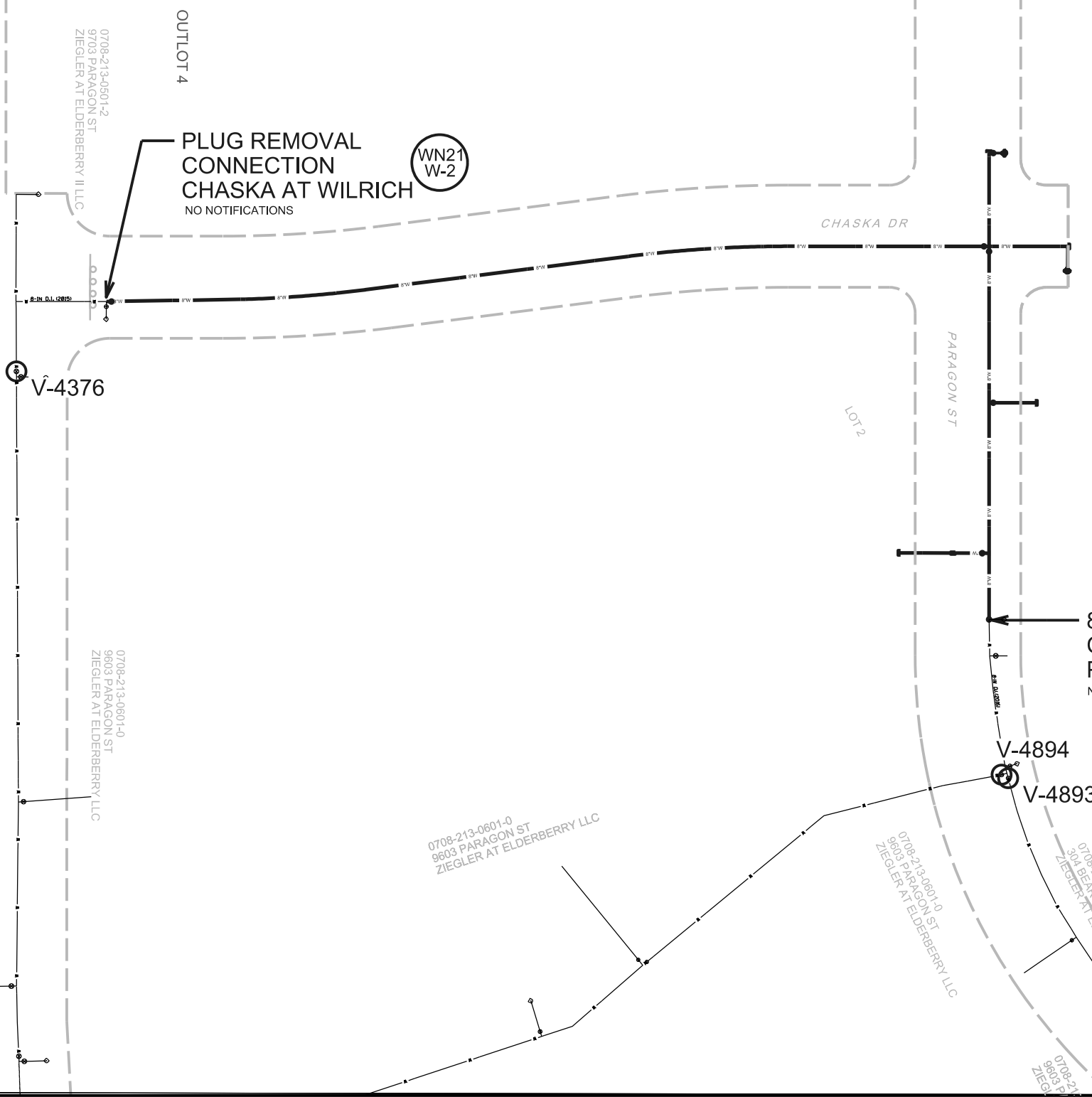
0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

0708-213-0601-0
9603 PARAGON ST
ZIEGLER AT ELDERBERRY LLC

0708-213-0801-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC

0708-213-0801-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC

0708-213-0702-6
304 BEAR CLAW WAY
ZIEGLER AT ELDERBERRY II LLC



OUTLOT 4
PLUG REMOVAL
CONNECTION
CHASKA AT WILRICH
NO NOTIFICATIONS
WN21
W-2

8-IN VALVE CUT-IN
CONNECTION
PARAGON ST
NOTIFY: 304 W. BEAR CLAW IF DEVELOPED
WN20
W-1

CONSTRUCTION NOTES:

1. CONSTRUCT NEW WATER MAIN 6.0' BELOW FINISHED GRADE, UNLESS OTHERWISE NOTED. INSULATE MAIN WITH POLYSTYRENE BOARD AT UTILITY CROSSINGS OR OTHER AREAS IDENTIFIED BY ENGINEER AS HAVING INADEQUATE COVER.
2. VERIFY SIZE OF EXISTING WATER SERVICES AND RECONNECT SERVICES AS INDICATED.
3. MINIMIZE DISRUPTION OF SERVICE TO EXISTING CUSTOMERS. NOTIFY PER CONTRACT REQUIREMENTS OF ANY PLANNED WATER OUTAGE.
4. THE EXISTING UTILITIES SHOWN ON THIS PLAN REPRESENT THE BEST INFORMATION AVAILABLE TO THE WATER UTILITY AT THE TIME OF PLAN PREPARATION. CONTRACTOR IS RESPONSIBLE FOR HAVING EACH UTILITY LOCATED PRIOR TO COMMENCING WORK.

- WN1 REPLACE THE EXISTING LEAD SERVICE WITH A NEW COPPER SERVICE.
- WN2 EXTEND AND RECONNECT THE EXISTING COPPER SERVICE TO THE NEW WATER MAIN.
- WN3 EXISTING SERVICE TO BE ABANDONED WHEN THE WATER MAIN IS CUT OFF.
- WN4 DISCONNECT FROM THE OLD WATER MAIN AND RECONNECT THE EXISTING COPPER WATER SERVICE LATERAL TO THE NEW WATER MAIN.
- WN5 RELOCATE THE EXISTING FIRE HYDRANT.
- WN6 ABANDON WATER VALVE ACCESS STRUCTURE.
- WN7 FURNISH AND INSTALL THE NEW TOP SECTION FOR THE WATER ACCESS STRUCTURE.
- WN8 ABANDON THE VALVE BOX.
- WN9 FURNISH THE DITCH, COMPACTION, AND ALL MATERIALS AND LABOR FOR THE INSTALLATION OF NEW SERVICE LATERAL.
- WN10 REMOVE AND SALVAGE EXISTING HYDRANT
- WN11 REPLACE THE EXISTING COPPER SERVICE WITH A COPPER SERVICE
- WN20+ SEE WATER IMPACT PLAN FOR CONNECTION POINT ISOLATION AND WATER SHUT-OFF NOTIFICATION INFORMATION.

ESTIMATE OF MATERIALS SUPPLIED BY CONTRACTOR:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- | | |
|-------------------------|-----------------------------------|
| 120-FT - 6-IN PIPE | 2 - 6-IN MJ PLUG |
| 850-FT - 8-IN PIPE | 48-FT - 2-IN STYROFOAM INSULATION |
| 2 - 6-IN VALVE & BOX | 1100-FT - POLY WRAP |
| 4 - 8-IN VALVE & BOX | 1-IN TO 2-IN COPPER (AS REQ'D) |
| 2 - 8-IN X 6-IN TEE | |
| 1 - 8-IN X 8-IN CROSS | |
| 1 - 6-IN X 18-IN OFFSET | |

MATERIALS SUPPLIED BY CITY:

** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

NONE

ESTIMATE OF MATERIALS REUSED:

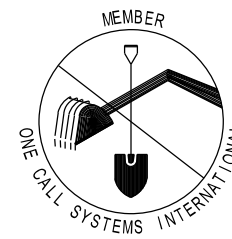
** ESTIMATE OF MATERIALS IS FOR INFORMATION ONLY. ENGINEER DOES NOT GUARANTEE ACCURACY OF MATERIAL TAKE-OFF.*

- 1 - 6-IN VALVE & BOX
- 2 - 8-IN X 6-IN TEE
- 2 - 8-IN MJ PLUG
- 2 - 5-IN HYDRANT

TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN

CALL DIGGERS HOTLINE TOLL FREE
811 OR 1-800-242-8511
FAX-A-LOCATE 1-800-338-3860
TDD (FOR HEARING IMPAIRED) 1-800-542-2289

WIS. STATUTE 182.0175 (1974) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

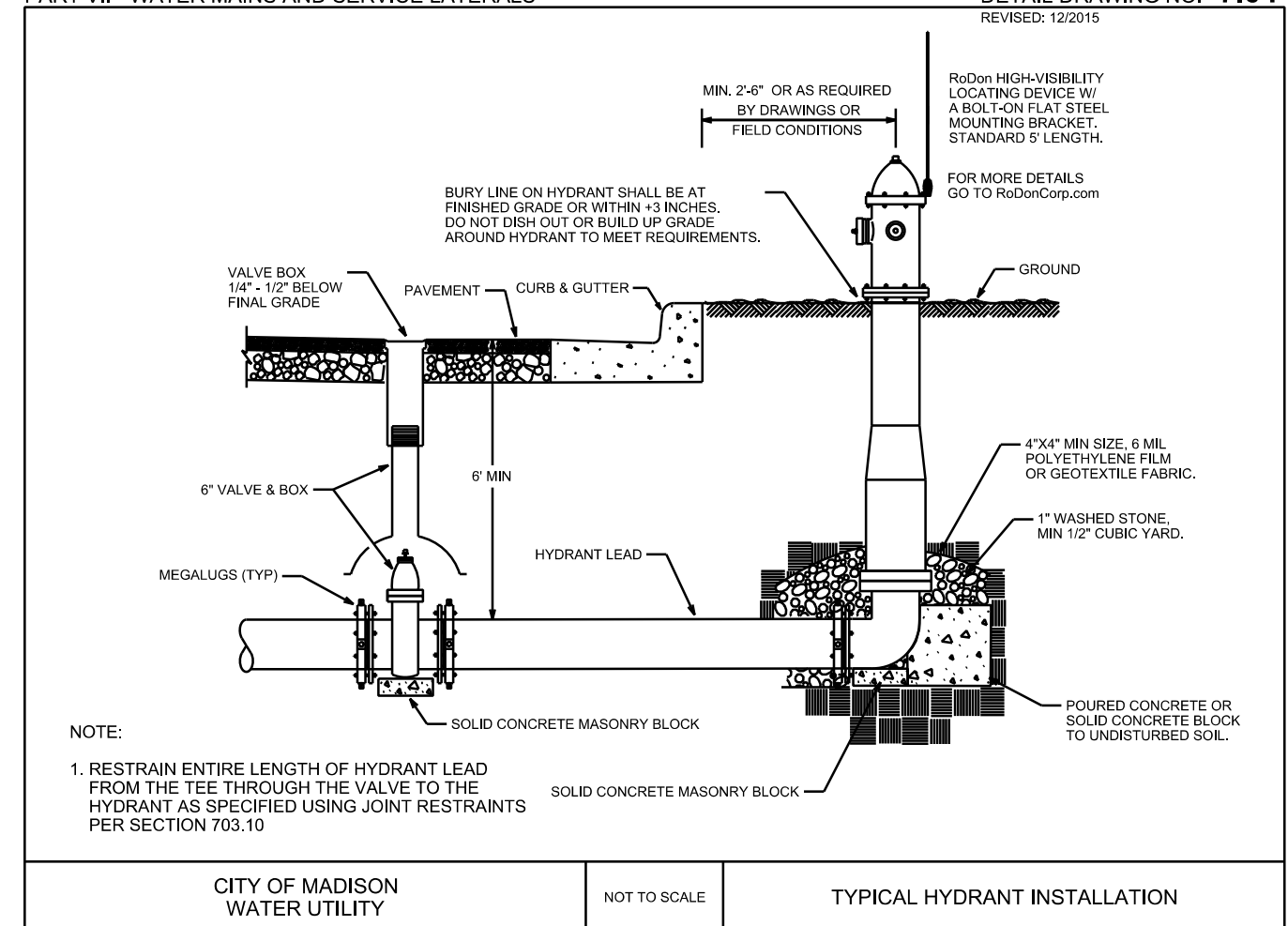


DISCLAIMER NOTE:
UTILITY LOCATIONS SHOWN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES PRIOR TO COMMENCING WORK.

PART VII - WATER MAINS AND SERVICE LATERALS

DETAIL DRAWING NO. 7.04

REVISED: 12/2015



PLOT SCALE:

PLOT NAME:

REV. DATE:

ORIGINATOR: CITY OF MADISON, STREETS DIVISION